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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: David A. Bishop et al.

Examiner: Collins, Scott M

Patent No.: 6,983,317

Group Art Unit: 2145

Issue Date: Jan. 3, 2006

Confirmation No.: 8651

Customer No.: 22971

Docket No: 147667.03

Title: ENTERPRISE MANAGEMENT SYSTEM

Attn: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

We are transmitting herewith the attached:

- ☒ Authorization to charge the Certificate of Correction fee of \$100.00 to the Deposit Account No. **50-0463**.
- ☒ Request for Certificate of Correction (1 pg.).
- ☒ Certificate of Correction Form - PTO-1050 (21 pgs.)
- ☒ A return postcard.

Please charge any additional fees or credit overpayment to Deposit Account No. 50-0463.

Customer Number: 22971

By /MacLane C. Key/
Attorney Name: MacLane C. Key
Reg. No.: 48250

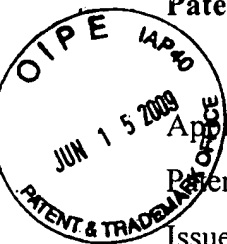
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Christine Hartness
Christine Hartness

Certificate

JUN 17 2009

of Correction

**IN UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: David A. Bishop et al.

Examiner: Collins, Scott M

Patent No.: 6,983,317

Group Art Unit: 2145

Issue Date: Jan. 3, 2006

Confirmation No.: 8651

Customer No.: 22971

Docket No: 147667.03

Title: ENTERPRISE MANAGEMENT SYSTEM

REQUEST FOR CERTIFICATION OF CORRECTION

Attn: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

It is requested that a Certificate of Correction be issued correcting printing errors appearing in the above-identified United States patent. Two copies of the text of the Certificate in the suggested form are enclosed.

Pursuant to 1.20(a), the examiner is authorized to charge the Certificate of Correction fee of \$100.00 to the Deposit Account No. **50-0463**.

Issuance of the Certificate of Correction would neither expand nor contract the scope of the claims as properly allowed, and re-examination is not required.

The Examiner is authorized to charge any additional fees or credit overpayment to Deposit Account No. **50-0463**.

Respectfully submitted,

Customer Number: 22971

Date May 7, 2009

By /MacLane C. Key/

Attorney Name: MacLane C. KeyReg. No.: 48250

CERTIFICATE UNDER 37 CFR § 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Attn: Certificate of Correction Branch, Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450, on this 9th day of June 2009.

Christine Hartness
Christine Hartness

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,983,317
DATED : Jan. 3, 2006
INVENTOR(S) : David A. Bishop et al.

It is certified that error appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On Sheet 5 of 52, FIG. 5 (Box 4), line 5, delete "Information" and insert - - information - -, therefor.

On Sheet 6 of 52, FIG. 6, line 1, delete "FIG 6" and insert - - FIG. 6 - -, therefor.

On Sheet 11 of 52, FIG. 11 (Circle towards Left hand side of **YES** Option), line 2, delete "waming" and insert - - warning - -, therefor.

On Sheet 11 of 52, FIG. 11 (Circle towards Right hand side of **NO** Option), line 2, delete "critial" and insert - - critical - -, therefor.

On Sheet 11 of 52, FIG. 12 (Circle 1), line 1, delete "Tum" and insert - - Turn - -, therefor.

On Sheet 12 of 52, FIG. 13 (Point 6), line 3, delete "propogation" and insert - - propagation - -, therefor.

On Sheet 13 of 52, FIG. 14 (Point 4), line 3, delete "propogation" and insert - - propagation - -, therefor.

On Sheet 33 of 52, FIG. 34 (Circle Adjacent to Circle **Job Process.**), line 1, delete "WM" and insert - - WMI - -, therefor.

On Sheet 33 of 52, FIG. 34 (Circle Adjacent to Circle **WM Provider**), line 1, delete "WM" and insert - - WMI - -, therefor.

On Sheet 42 of 52, FIG. 43A (Col. 4), line 18, delete "initilization" and insert - - initialization - -, therefor.

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PATENT NO. 6,983,317

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Atty Docket No: 147667.03

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,983,317
DATED : Jan. 3, 2006
INVENTOR(S) : David A. Bishop et al.

It is certified that error appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On Sheet 43 of 52, FIG. 43B (Col. 4), line 1, delete "initilization" and insert - - initialization - -, therefor.

On Sheet 44 of 52, FIG. 43C (Col. 3), line 6, delete "ELEC_GUID" and insert - - ELECT_GUID - -, therefor.

On Sheet 47 of 52, FIG. 46 (Left hand side), line 4, delete "Cliant" and insert - - Client - -, therefor.

In column 1, line 8, delete "applciation" and insert - - Application - -, therefor.

In column 1, line 40, delete "criticial" and insert - - critical - -, therefor.

In column 2, line 23, delete "peformed" and insert - - performed - -, therefor.

In column 2, line 56, delete "adavantage" and insert - - advantage - -, therefor.

In column 2, line(s) 63-64, delete "mangement" and insert - - management - -, therefor.

In column 3, line 25, delete "illusrates" and insert - - illustrates - -, therefor.

In column 3, line 46, delete "initilization" and insert - - initialization - -, therefor.

In column 3, line 46, delete "mangement" and insert - - management - -, therefor.

In column 4, line 24, delete "accordanc" and insert - - accordance - -, therefor.

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,983,317
 DATED : Jan. 3, 2006
 INVENTOR(S) : David A. Bishop et al.

It is certified that error appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 4, line 25, delete "emboidment" and insert - - embodiment - -, therefor.

In column 4, line 28, delete "accordanc" and insert - - accordance - -, therefor.

In column 4, line 32, delete "emboidment" and insert - - embodiment - -, therefor.

In column 5, line 8, delete "accordanc" and insert - - accordance - -, therefor.

In column 5, line 27, delete "1) Win32" and insert - - I) Win32 - -, therefor.

In column 7, line 9, delete "I) Printer" and insert - - i) Printer - -, therefor.

In column 10, line 52, delete "1) provide" and insert - - I) provide - -, therefor.

In column 12, line 66, delete "g icon." and insert - -  icon. - -, therefor.

In column 13, line 61, delete "embodiemnt" and insert - - embodiment - -, therefor.

In column 13, line 62, after "DDS" insert - - . - -.

In column 14, line 55, delete "Elemement" and insert - - Element - -, therefor.

In column 14, line 63, delete "m_nCustomIcon1;" and insert - - m_nCustomIcon1; - -, therefor.

In column 14, line 65, delete "m_nCustomIcon3;" and insert - - m_nCustomIcon3; - -, therefor.

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Atty Docket No: 147667.03

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO : 6,983,317
DATED : Jan. 3, 2006
INVENTOR(S) : David A. Bishop et al.

It is certified that error appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 15, line 54, delete "(short nIndex);" and insert - - (short nIndex); - -, therefor.

In column 16, line 55, after "menu" insert - - . - - .

In column 16, line 67, after "list" insert - - . - - .

In column 17, line 11, delete "may" before "consume". (Repeated Occurrence)

In column 17, line 15, delete "PaInning" and insert - - Planning - -, therefor.

In column 20, line 58, delete "in" and insert - - In - -, therefor.

In column 20, line 61, delete "maanger" and insert - - manager - -, therefor.

In column 20, line 62, delete "installtion" and insert - - installation - -, therefor.

In column 21, line 2, delete "insatillation" and insert - - installation - -, therefor.

In column 22, line 8, delete "interacton" and insert - - interaction - -, therefor.

In column 22, line 10, delete "acordance" and insert - - accordance - -, therefor.

In column 22 (Table 1, Col. 2), line 7, delete "Mes" and insert - - MEs - -, therefor.

In column 22, line 43, delete "stat" and insert - - state - -, therefor.

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PATENT NO : 6,983,317

DATED : Jan. 3, 2006

INVENTOR(S) : David A. Bishop et al.

It is certified that error appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 22, line 51, delete "proccesing" and insert - - processing - -, therefor.

In column 22 (Table 2, Col. 2), line 8, after "engines" insert - - . - -.

In column 23, line 22, delete "applicable" and insert - - applicable - -, therefor.

In column 23 (Table 2, Col. 2), line 17, delete "Mes" and insert - - MEs - -, therefor.

In column 23, line 52, delete "evidenced" and insert - - evidenced - -, therefor.

In column 23, line 53, delete "satet" and insert - - state - -, therefor.

In column 23, line 53, delete "maneer" and insert - - manager - -, therefor.

In column 23, line 54, delete "exeucuting" and insert - - executing - -, therefor.

In column 23, line 54, delete "remdial" and insert - - remedial - -, therefor.

In column 23, line(s) 54-55, delete "particular" and insert - - particular - -, therefor.

In column 23-24, line(s) 67 and 1-3, delete "FIG. 9 depicts a storage capacity management job schema associated with an a managed element in accordance with an embodiment of the present invention." and insert - - FIG. 9 depicts a storage capacity management job schema associated with an a managed element in accordance with an embodiment of the present invention. - -, therefor, on line 67 (Col. 23) after "these files." (as the continuation of paragraph)

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,983,317
 DATED : Jan. 3, 2006
 INVENTOR(S) : David A. Bishop et al.

It is certified that error appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 24, line 2, after "associated with" delete "an".

In column 25, line 16, delete "systemin" and insert -- system in --, therefor.

In column 28 (Table, Col. 2), line 46, after "what" insert -- needs --.

In column 37 (Table 2), line 3, Insert --

Des	Nvarchar(60)	NOT NULL	No	No
-----	--------------	----------	----	----

 --.

In column 38 (Table 2) line 3, Insert --

Monitor ID	Int	NOT NULL	No	Yes
------------	-----	----------	----	-----

 --.

In column 40 (Table 1), line 1, Insert --

Column Name	Data Type	Null Option	PK	FK
-------------	-----------	-------------	----	----

 --.

In column 42, line 3, after "prefixed" delete ".".

In column 42, line 55, delete "proce1dure" and insert -- procedure --, therefor.

In column 45, line 28, delete "paramters" and insert -- parameters --, therefor.

In column 45 (Table 4, Col. 3-4), line 2, below "Default" delete "Yes" and below "Req" insert -- Yes --, therefor.

In column 46, line 26, delete "ME(ME_URL or ME_GID)" and insert -- ME (ME_URL or ME_GID) --, therefor.

In column 47 (Table 1, Col. 2), line 5, delete "ME'sID" and insert -- ME's ID --, therefor.

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,983,317
 DATED : Jan. 3, 2006
 INVENTOR(S) : David A. Bishop et al.

It is certified that error appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 48 (Table 2, Col. 5), line 2, delete "GROUP URL" and insert - - GROUP **GID** - -, therefor.

In column 48, line 45, delete "paramter" and insert - - parameter - -, therefor.

In column 50, line 43, delete "(Thread)" and insert - - (thread) - -, therefor.

In column 50, line 57, delete "nonzero" and insert - - non-zero - -, therefor.

In column 52, line 12, delete "Windo1ws" and insert - - Windows - -, therefor.

In column 53, line 37, after "Flow" delete ".".

In column 55, line 40, after "Below the" delete "the". (Repeated Occurrence)

In column 56, line 11, delete "sme" and insert - - same - -, therefor.

In column 56, line 20, delete "follwong" and insert - - following - -, therefor.

In column 56, line 65, delete "decribed" and insert - - described - -, therefor.

In column 56, line 67, delete "ivention" and insert - - invention - -, therefor.

In column 58, line 66, delete "Endif**IF Engines.Count>0**" and insert - - Endif - -, therefor.

In column 58, line 67, below "Endif" insert - - IF Engines.Count>0 - -.

In column 59, line 60, delete "emboidment" and insert - - embodiment - -, therefor.

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,983,317
 DATED : Jan. 3, 2006
 INVENTOR(S) : David A. Bishop et al.

It is certified that error appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 60, line 5, below "// If NULL !=DeletedEngines.Item(ThisEngine)" insert - - // - -.

In column 60, line 13, below "The following is pseudocode for the Engine Started Procedure" insert - - // - -.

In column 60, line 17, below "// effect" insert - - // - -.

In column 60, line 58, delete "following" and insert - - following - -, therefor.

In column 60, line 58, delete "failovre" and insert - - failover - -, therefor.

In column 62, line 37, delete "Managre" and insert - - Manager - -, therefor.

In column 63, line 19, delete "pre-rquisite" and insert - - pre-requisite - -, therefor.

In column 64, line 2, delete "Backup 1" and insert - - Backup1 - -, therefor.

In column 67, line 15, delete "Rearrages" and insert - - Rearranges - -, therefor.

In column 68, line 59, delete "Static" and insert - - static - -, therefor.

In column 69, line 49, delete "Thi smethod" and insert - - This method - -, therefor.

In column 71, line 61, delete "inlcude" and insert - - include - -, therefor.

In column 72 (Table 2, Col. 1), line 1, delete "Parameter" and insert - - Exceptions - -, therefor.

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PATENT NO. 6,983,317

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,983,317
DATED : Jan. 3, 2006
INVENTOR(S) : David A. Bishop et al.

It is certified that error appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 72 (Table 2, Col. 1), line 2, delete "com_error" and insert - - _com_error - -, therefor.

In column 72 (Table 4, Col. 1), line 2, delete "com_error" and insert - - _com_error - -, therefor.

In column 72 (Table 6, Col. 1), line 2, delete "com_error" and insert - - _com_error - -, therefor.

In column 73 (Table 2, Col. 1), line 2, delete "com_error" and insert - - _com_error - -, therefor.

In column 73 (Table 4, Col. 2), line 2, delete "com_error" and insert - - _com_error - -, therefor.

In column 73, line 40, delete "Assignmen" and insert - - Assignment - -, therefor.

In column 73, line 41, delete "nameis" and insert - - name is - -, therefor.

In column 73, line 41, delete "Wondows" and insert - - Windows - -, therefor.

In column 73, line 54, delete "InetworkControl" and insert - - INetworkControl - -, therefor.

In column 74 (Table 1, Col. 1), line 2, delete "com_error" and insert - - _com_error - -, therefor.

In column 74 (Table 3, Col. 1), line 2, delete "com_error" and insert - - _com_error - -, therefor.

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,983,317
DATED : Jan. 3, 2006
INVENTOR(S) : David A. Bishop et al.

It is certified that error appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 74, line 33, delete "Thi smethod" and insert - - This method - -, therefor.

In column 74 (Table 5, Col. 1), line 2, delete "com_error" and insert - - _com_error - -, therefor.

In column 74 (Table 7, Col. 1), line 2, delete "com_error" and insert - - _com_error - -, therefor.

In column 74 (Table 8, Col. 1), line 1, delete "Paramete" and insert - - Parameter - -, therefor.

In column 75 (Table 1, Col. 1), line 2, delete "com_error" and insert - - _com_error - -, therefor.

In column 75, line 12, delete "Manged" and insert - - Managed - -, therefor.

In column 75, line 22, delete "th" and insert - - the - -, therefor.

In column 75, line 28, delete "InetworkControl" and insert - - INetworkControl - -, therefor.

In column 75 (Table 3, Col. 1), line 2, delete "com_error" and insert - - _com_error - -, therefor.

In column 75, line 50, delete "FixAssignmentsOn TransferredMEs" and insert - - FixAssignmentsOnTransferredMEs - -, therefor.

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,983,317
DATED : Jan. 3, 2006
INVENTOR(S) : David A. Bishop et al.

It is certified that error appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 75 (Table 5, Col. 1), line 2, delete "com_error" and insert - - _com_error - -, therefor.

In column 76 (Table 2, Col. 1), line 2, delete "com_error" and insert - - _com_error - -, therefor.

In column 76 (Table 4, Col. 1), line 2, delete "com_error" and insert - - _com_error - -, therefor.

In column 76 (Table 6, Col. 1), line 2, delete "com_error" and insert - - _com_error - -, therefor.

In column 77 (Table 1, Col. 1), line 2, delete "com_error" and insert - - _com_error - -, therefor.

In column 77, line 25, delete "usd" and insert - - used - -, therefor.

In column 80, line 1, delete "put SubSites" and insert - - put_SubSites - -, therefor.

In column 80 (Table 4, Col. 2), line 4, delete "Assignements" and insert - - Assignments - -, therefor.

In column 81 (Table 1, Col. 2), line 3, delete "obect" and insert - - object - -, therefor.

In column 82 (Table 7, Col. 2), line 4, delete "Assignements" and insert - - Assignments - -, therefor.

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,983,317
DATED : Jan. 3, 2006
INVENTOR(S) : David A. Bishop et al.

It is certified that error appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 83 (Table 1, Col. 2), line 5, delete "paremt" and insert - - parent - -, therefor.

In column 83, line 27, delete "get_LGUID" and insert - - get_GUID - -, therefor.

In column 88 (Table 1, Col. 1), line 2, delete "com error" and insert - - _com_error - -, therefor.

In column 88 (Table 4, Col. 1), line 2, delete "com error" and insert - - _com_error - -, therefor.

In column 88 (Table 6, Col. 1), line 2, delete "com error" and insert - - _com_error - -, therefor.

In column 89 (Table 1, Col. 1), line 2, delete "com error" and insert - - _com_error - -, therefor.

In column 89 (Table 4, Col. 1), line 1, delete "Param:" and insert - - Parameter - -, therefor.

In column 90, line 48, delete "prferably" and insert - - preferably - -, therefor.

In column 90, line 54, delete "allowsEAS" and insert - - allows EAS - -, therefor.

In column 90, line 56, delete "allowsEAS" and insert - - allows EAS - -, therefor.

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,983,317
DATED : Jan. 3, 2006
INVENTOR(S) : David A. Bishop et al.

It is certified that error appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 90, line 57, delete "alow" and insert - - a low - -, therefor.

In column 90, line 62, delete "emboidment" and insert - - embodiment - -, therefor.

In column 91, line 4, delete "specifiically" and insert - - specifically - -, therefor.

In column 91, line 6, delete "emboidment" and insert - - embodiment - -, therefor.

In column 91, line 8, after "data" insert - - . - -.

In column 91, line 9, delete "wirth" and insert - - with - -, therefor.

In column 91, line 29, delete "i.e," and insert - - i.e., - -, therefor.

In column 91, line 48, delete "marhsalling" and insert - - marshalling - -, therefor.

In column 91, line 57, delete "Eas" and insert - - EAS - -, therefor.

In column 92 (Table 2, Col. 3), line 2, delete "begining" and insert - - beginning - -, therefor.

In column 93, line 5, delete "aong wioth" and insert - - along with - -, therefor.

In column 93, line 64, delete "contan" and insert - - contain - -, therefor.

In column 93, line 66, delete "inheret" and insert - - inherit - -, therefor.

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PATENT NO : 6,983,317
DATED : Jan. 3, 2006
INVENTOR(S) : David A. Bishop et al.

It is certified that error appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 94, line 16, delete "pssible" and insert - - possible - -, therefor.

In column 94, line 17, delete "preently" and insert - - presently - -, therefor.

In column 94, line 63, delete "creatation" and insert - - creation - -, therefor.

In column 94, line 67, delete "Componenen" and insert - - Component - -, therefor.

In column 95, line 2, delete "communicationis" and insert - - communication is - -, therefor.

In column 95, line 2, delete "aata" and insert - - data - -, therefor.

In column 95, line 6, after "objected" insert - - " - -, therefor.

In column 95, line 7, delete "FormSrv" and insert - - FrmSrv - -, therefor.

In column 95, line 18, delete "Prefeably" and insert - - Preferably - -, therefor.

In column 95, line 62, delete "compoment" and insert - - component - -, therefor.

In column 96, line 8, delete "<UUID><UUID>" and insert - - <UUID></UUID> - -, therefor.

In column 96, line 20, delete "Messaeg" and insert - - Message - -, therefor.

In column 97, line 10, delete "mananager" and insert - - manager - -, therefor.

In column 97, line 41, delete "depeends" and insert - - depends - -, therefor.

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,983,317
DATED : Jan. 3, 2006
INVENTOR(S) : David A. Bishop et al.

It is certified that error appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 97, line 55, delete "dete0cted" and insert - - detected - -, therefor.

In column 98, line 9, delete "data.," and insert - - data; - -, therefor.

In column 98, line 12, delete "Mananger" and insert - - Manager - -, therefor.

In column 98, line 22, delete "Elm" and insert - - ELM - -, therefor.

In column 98, line 45, delete "copmponents" and insert - - components - -, therefor.

In column 98, line 50, delete "C/" and insert - - C₁ - -, therefor.

In column 98, line 52, delete "thre" and insert - - the - -, therefor.

In column 99, line 3, delete "trhe" and insert - - the - -, therefor.

In column 99, line 17, delete "ELM," and insert - - ELM₁ - -, therefor.

In column 99, line 19, delete "ELM," and insert - - ELM₁ - -, therefor.

In column 99, line 22, delete "(4)" and insert - - (5) - -, therefor.

In column 99, line 24, delete "(5)" and insert - - (6) - -, therefor.

In column 99, line 27, delete "(6)" and insert - - (7) - -, therefor.

In column 99, line 29, delete "(7)" and insert - - (8) - -, therefor.

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It is certified that error appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 100, line 46, delete "ann" and insert - - an - -, therefor.

In column 100, line 59, delete "correpsonding" and insert - - corresponding - -, therefor.

In column 101, line 42, delete "engine-to-Engine" and insert - - Engine-to-Engine - -, therefor.

In column 101, line 51, delete "aa" and insert - - a - -, therefor.

In column 102, line 29, delete "fileds" and insert - - fields - -, therefor.

In column 103, line 13, delete "subiste" and insert - - subsite - -, therefor.

In column 103, line 21, delete "Engins" and insert - - Engines - -, therefor.

In column 103, line 55, delete "performt eh" and insert - - perform the - -, therefor.

In column 104, line 9, after "mins)" delete "." and insert - - ; - -, therefor.

In column 104, line 18, delete "the" before "engines". (second occurrence)

In column 104, line 32, delete "EMMwaits" and insert - - EMM Waits - -, therefor.

In column 104, line 43, delete "sicne" and insert - - since - -, therefor.

In column 105, line 12, delete "(b)" and insert - - (c) - -, therefor.

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It is certified that error appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 105, line 14, after "Message";" insert - - (d) - -.

In column 105, line 15, delete "(d)" and insert - - (e) - -, therefor.

In column 105 (Table 1, Col. 3), line 2, delete "Mchine" and insert - - Machine - -, therefor.

In column 105, line 32, after "states are" insert - - : - -.

In column 106 (Table 2, Col. 3), line 4, delete "Newtwork" and insert - - Network - -, therefor.

In column 106, line 36, after "Engine List" delete "." and insert - - ; - -, therefor.

In column 108, line 52, delete "{" and insert - - } - -, therefor.

In column 109, line 36, after "WaitForMsg(. . .)" insert - - ; - -.

In column 110, line 8, after "Remove(. . .)" insert - - ; - -.

In column 110, line 11, after "EngineReady(. . .)" insert - - ; - -.

In column 110, line 18, after "ManageMaster(. . .)" insert - - ; - -.

In column 110, line 44, delete "IEMM pEMM" and insert - - IEMM *pEMM - -, therefor.

In column 110, line 55, delete "Thi smethod" and insert - - This method - -, therefor.

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INVENTOR(S) : David A. Bishop et al.

It is certified that error appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 110 (Table 2, Col. 2), line 4, delete "Rturns" and insert -- Returns --, therefor.

In column 111 (Table 4, Col. 2), line 5, delete "retreived" and insert -- retrieved --, therefor.

In column 113, line 17, delete "OffLine" and insert -- Off-Line --, therefor.

In column 114, line 3, after "*pEngine)" insert -- ; --.

In column 114, line 19, after "EvictEngine(void)" insert -- ; --.

In column 114, line 47, after "*pbMaster)" insert -- ; --.

In column 114, line 49, after "bMaster)" insert -- ; --.

In column 115, line 23, delete "Thi smethod" and insert -- This method --, therefor.

In column 116, line 12, delete "(int istance);" and insert -- (int iState); --, therefor.

In column 116, line 23, after "Method" insert -- : --.

In column 117, line 2, after "Init(. . .)" insert -- ; --.

In column 117, line 39, delete "objedcts" and insert -- objects --, therefor.

In column 119, line 50, delete "inteface" and insert -- interface --, therefor.

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It is certified that error appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 125, line 48, delete "};" and insert - -); - -, therefor.

In column 125, line 67, delete "};" and insert - -); - -, therefor.

In column 126, line 19, delete "sich" and insert - - such - -, therefor.

In column 128, line 45, delete "componenet" and insert - - component - -, therefor.

In column 128, line(s) 46-47, delete "informationm compoment" and insert - - information component - -, therefor.

In column 129, line 27, delete "sreves" and insert - - serves - -, therefor.

In column 129, line 27, delete "follwing" and insert - - following - -, therefor.

In column 129, line 34, delete "the" before "Node". (Repeated Occurrence)

In column 129, line 47, delete "Ineraction" and insert - - Interaction - -, therefor.

In column 130, line 19, delete "Has Been Activated" and insert - - has been activated - -, therefor.

In column 130, line 26, delete "will is" and insert - - will be - -, therefor.

In column 130, line 40, delete "Montior" and insert - - Monitor - -, therefor.

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It is certified that error appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 132, line 33, delete "inerface" and insert - - interface - -, therefor.

In column 133 (Table 1, Col. 4), line 7, delete "occured" and insert - - occurred - -, therefor.

In column 133, line 55, delete "cpmponent" and insert - - component - -, therefor.

In column 135, line 29, delete "Componet" and insert - - Component - -, therefor.

In column 135, line 30, delete "desription" and insert - - description - -, therefor.

In column 135, line 31, delete "Subscribion" and insert - - Subscription - -, therefor.

In column 139, line 18, delete "*nCritical" and insert - - nCritical - -, therefor.

In column 139, line 36, delete "stoarge" and insert - - storage - -, therefor.

In column 139 (Table 3), line 10, delete "CStrm_MelD" and insert - - CStr m_MelD - -, therefor.

In column 140, line 23, after "the" delete "he".

In column 140, line 37, after "the" delete "he".

In column 140, line 37, delete "athe" and insert - - a - -, therefor.

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It is certified that error appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 141, line 1, delete "componentiteratea" and insert - - component iteratea - -, therefor.

In column 141 (Table 2), line 11, insert - - ME - -.

In column 143, line 16, in Claim 16, after "one of" insert - - a - -.

In column 144, line 12, in Claim 30, after "one of" insert - - a - -.

In column 145, line 39, in Claim 45, after "one of" insert - - a - -.

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